

TENNESSEE DEPARTMENT OF TRANSPORTATION EROSION PREVENTION/SEDIMENT CONTROL INSPECTION REPORT

Reason For Inspection:

1st Weekly

2nd Weekly

DATE: 3.5.12 State Route (SR) / US Route or Road Name and Description: Are corrective actions required by this inspection report (Y/N): WOLF RIVER BLVD. County(ies): TDOT PIN: NPDES Permit (NOC) #: Number of New Number of Recurring Number of New Number of Un-Corrected Corrective Actions: Corrective Actions: Sediment Releases: Sediment Releases: Shelby 101615 TNR153299 TDOT Construction No.: TDOT Contract No.: Contractor: O 7994-1535-54 Acuff Enterprises Inc.

I certify, under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated information presented. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I cerify that inspections of storm water discharge points (outfalls) and of erosion and sediment controls have been performed as recorded in the table above. I certify that erosion and sediment controls in the drainage area of the identified outfall where installed as planned and designed in working order as recorded in the table above. I am aware that there are significant penalties for submitting false information, including the possibility of fine and impresonment for knowing violations.

City of Germantown EPSC Inspector:

Gerald "Jerry" Stanfill

Contractor EPSC Inspector:

Tom Acuff

City of Germantown EPSC Project Manager:

Signature:

Signature:

Signature:

TDOT EPSC Inspection Weekly Rainfall Data Log

		IDOI EPSC	nspectio	n weekiy F	tainiali Dat	а сод				V
		Predicted	Rainfall	Rainfall	Rainfall	Rainfall	Rainfall	Rainfall		TDOT/Contractor Agrees with Inspection Report:
Date	Day of Week	Precipitation	Gauge 1	Gauge 2	Gauge 3	Gauge 4	Gauge 5	Gauge 6	Duration	NO or YES
		(%)	(in)	(in)	(in)	(in)	(in)	(in)	(hr)	If No, explain and initial:
3.4.12	Sunday	0		100	N/A	N/A	N/A	N/A		
3.5.12	Monday	0	6	0	N/A	N/A	N/A	N/A		
3.6.12	Tuesday	0			N/A	N/A	N/A	N/A		
3.7.12	Wednesday	10			N/A	N/A	N/A	N/A		
3-8-12	Thursday	30		A 157115 115	N/A	N/A	N/A	N/A		
3.2.12	Friday	70			N/A	N/A	N/A	N/A		
3.3.12	Saturday	0		******	N/A	N/A	N/A	N/A		
	Sunday				N/A	N/A	N/A	N/A		
	Monday				N/A	N/A	N/A	N/A		
993(1997) 115.35										(Additional pages may be attached, if needed)

Timothy Bierdz

Predicted Precipitation Source:

www.weather.com

Page 1 of <u>7</u>

State/US	Route	or	Road	Name:
Otate/00	Noute	Oi	Noau	Mairie.

Nolf River Blvd.	r Blvd.	Wolf Rive
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TDOT Construction No.:

79954-3537-54

TDOT Contract No.:

ate	3/5/2012
ate	3/3/2012

Outfall Name or Station No.	Rain Gage No.	Approx. Station No. From / To	LT, RT or Centerline	Date Last Disturbed	Date of Stabilization and Code T = Temp. P = Perm.	Existing EPSC Control Measure Codes*	Current Condition Codes*	Corrective Action(s) or Comments
1	1	14+14	LT	3/5/2012	1.1 1.00	22,35	FM	Monitoring outfall.
1A	1	21+50	RT	2/27/2012		41	FM	Const. of RCBC Pedestrian Underpass in progress. No Construction activity during inspection.
1B	1	22+00	RT	2/24/2012		12,21,35	S	Temp. stable.
1C	1	21+00	LT	11/7/2011	T = 10-6-11	12,15,33,35	S	Temp. stable.
2A	1	33+50	LT,CL	2/27/2012		12,15,16,42	S	Temp. stable.
2B	1	35+50	LT	3/5/2012		16,24	FM	Weekly cleaning for stream crossing required, until further notice.
3	1	34+50	LT	10/27/2011		16	FM	Outfall slopes north of temp. stream crossing are showing signs of failure.
4	1	40+00	RT	12/12/2011	T = 10-24-11	15,16,43	S	Temp. stable.
5A	1	49+00	RT	3/5/2012		16,33,24	FM	Install RSS (Rock Silt Screen), See Photo
5B	1	50+00	RT	3/5/2012		9,16,33	FM	Continue construction of proposed RCBC.

EROSION AND SEDIMENT CONTROL MEASURE CODES

1	Temporary Silt Fence / Filter Barrier	15	Temporary seeding with Mulch	29	Excess Dirt Removed from Rdwy. Daily	M	Maintenance
2	Temporary Diversion Berm or Ditch	16	Temporary Mulch	30	Haul Roads Dampened for Dust Control	U	Upgrade Needed (Failure Noted)
3	Temporary Slope Drain	17	Erosion Control Blanket	31	Ditch Liner	R	Replacement Needed
4	Rock Check Dams	18	Flexible Channel Liner	32	Rock Silt Screen	FM	Future Maintenance
5	Brush Barrier	19	Catch Basin / Storm Inlet Protection	33	Temporary Silt Fence with Backing	С	Cleaning Needed
6	Sediment Removal	20	Riprap Outlet Structure	34	Enhanced Silt Fence	1	Increase Measures
7	Straw Bale Check	21	Riprap Energy / Velocity Dissipater	35	Sediment Tube	W	Too Wet to Work Conditions
8	Sand Bags	22	Curb, Gutter, or Storm Sewer Protection	36	Sediment Dam	RO	Repeat Occurrence
9	Sediment Trap / Basin	23	Temporary at Construction Exit / Entrance	37	Concrete Washout, other pollution Issues	SR	Sediment Release
10	Temp Sediment Filter Bag / Dewatering	24	Temporary Stream Crossing	38	Berm (soil, riprap, rock)	FS	Final Stabilized
11	Polyethylene Sheeting	25	Turbidity Barrier / Silt Boom	39	Gabion	S	Stable (No Action Needed)
12	Machined Rip Rap	26	Temporary Stream Diversion	40	Sheet Pilling	CM	Corrections currently being made
13	Geotextile	27	Preserve Natural Resource / Buffer Zone	41	Haul Road	Other (O31):	
14	Permanent Seeding with Mulch or Sod	28	Mineral Aggregate Base on Subgrade	42	Bridge Construction	Other (O#2):	
				43	Stream Realignment	Other (O#3):	

CONDITION CODES

State/US	Route	or Road	Name:

1 -	1.	D:			
				vd.	

OT	Construction No.:	79954-3537-

TDOT Co	ntract No.:	

Date	3/5/2012

Outfall Name or Station No.	Rain Gage No.	Approx. Station No. From / To	LT, RT or Centerline	Date Last Disturbed	Date of Stabilization and Code T = Temp. P = Perm.	Existing EPSC Control Measure	Current Condition Codes*	Corrective Action(s) or Comments
5C	1	44+00	LT	3/5/2012	P = Perm.	Codes* 16,33	FM	Weekly cleaning for stream crossing required.
6	1	56+00	LT	3/5/2012		10,00	FM	Activity around and in pond during inspection. Monitoring BMP's
7	1	60+00	RT	10/24/2011		16, 33	s	Temp. stable.
8A	1	73+00	RT	3/5/2012		16,24,42	FM	Weekly cleaning for stream crossing will be required, until further notice.
8B	2	75+50	RT	2/27/2012		4,16,35,41	FM	Monitoring temp. BMP's.
8C	1	71+00	LT	2/21/2012	P = 2-21-12 riprap installed at Bridge 2, East Bank	16,35,42	S	Monitoring temp. BMP's @ Bridge 2, Abutment 1 rip rap on west bank.
8D	2	75+50	LT	2/9/2012	P = 2-2-12 riprap installed at Bridge 2, East Bank	12,16,35,42	FM	Monitoring temp. BMP's @ Bridge 2, Abutment 2 rip rap east bank.
8E	1	71+50	LT, RT or CL	3/5/2012		12,42	FM	Continue Rip Rap installation under Bridge as per plans.
9A	2	80+00	RT	9/29/2011	T = 10-3-11	6,15,33,35	S	Temp. stable.
9B	2	80+00	LT	9/29/2011	T = 10-3-11	15,16,17,,35	S	Temp. stable.

EROSION AND SEDIMENT CONTROL MEASURE CODES

CONDITION CODES

1	Temporary Silt Fence / Filter Barrier	15	Temporary Seeding with Mulch	29	Excess Dirt Removed from Rdwy. Daily	M	Maintenance
2	Temporary Diversion Berm or Ditch	16	Temporary Mulch	30	Haul Roads Dampened for Dust Contro	l U	Upgrade Needed (Failure Noted)
3	Temporary Slope Drain	17	Erosion Control Blanket	31	Ditch Liner	R	Replacement Needed
4	Rock Check Dams	18	Flexible Channel Liner	32	Rock Silt Screen	FM	Future Maintenance
5	Brush Barrier	19	Catch Basin / Storm Inlet Protection	33	Temporary Silt Fence with Backing	С	Cleaning Needed
6	Sediment Removal	20	Riprap Outlet Structure	34	Enhanced Silt Fence	1	Increase Measures
7	Straw Bale Check	21	Riprap Energy / Velocity Dissipater	35	Sediment Tube	W	Too Wet to Work Conditions
8	Sand Bags	22	Curb, Gutter, or Storm Sewer Protection	36	Sediment Dam	RO	Repeat Occurrence
9	Sediment Trap / Basin	23	Temporary at Construction Exit / Entrance	37	Concrete Washout, other pollution Issue	es SR	Sediment Release
10	Temp Sediment Filter Bag / Dewatering	24	Temporary Stream Crossing	38	Berm (soil, riprap, rock)	FS	Final Stabilized
11	Polyethylene Sheeting	25	Turbidity Barrier / Silt Boom	39	Gabion	S	Stable (No Action Needed)
12	Machined Rip Rap	26	Temporary Stream Diversion	40	Sheet Pilling	CM	Corrections currently being made
13	Geotextile	27	Preserve Natural Resource / Buffer Zone	41	Haul Road	Other (O31):	
14	Permanent Seeding with Mulch or Sod	28	Mineral Aggregate Base on Subgrade	42		Other (O#2): Other (O#3):	
						Other (OHO).	

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State/US Route or Road Name:	Wolf River Blvd.	TDOT Construction No.:	79954-3537-54	TDOT Contract No.:

Date 3/5/2012

Outfall Name or Station No.	Rain Gage No.	Approx. Station No. From / To	LT, RT or Centerline	Date Last Disturbed	Date of Stabilization and Code T = Temp. P = Perm.	Existing EPSC Control Measure Codes*	Current Condition Codes*	Corrective Action(s) or Comments
9C	2	79+50	LT	9/29/2011	T = 10-03-11	15,16,20,33	S	Temp. stable.
10A	2	85+00	RT	3/1/2012		3,15,16,35,41	s	Temp. stable.
10B	2	85+00	RT	2/27/2012		3,15,16,35,41	СМ	Corrections being made during inspection.
10C	2	85+50	LT	11/14/2011		3,15,16,35,41	S	Temp. stable.
10D	2	84+50	LT	1/6/2012		3,15,16,35,41	FM	Monitoring temp. BMP's.
11A	2	92+50	RT	3/1/2012		3,35,41	S	Temp. stable.
11B	2	92+50	LT	1/6/2012	T = 01-10-12	10,32,35,41	S	Monitoring temp. BMP's.
11C	2	92+00	LT	1/6/2012	T = 01-10-12	10,32,35,41	S	Monitoring temp. BMP's.
	1	11+28	LT	3/5/2012		19,35	FM	Daily cleaning is required, until further notice.
OMA:	1	13+40	RT	3/5/2012		23,29,30	FM	Daily cleaning will be required, until further notice.
	1	107+75	CL	3/5/2012	MEASURE CODES	23,29,30	FM	Daily cleaning will be required, until further notice.

EROSION AND SEDIMENT CONTROL MEASURE CODES Temporary Silt Fence / Filter Barrier Temporary Seeding with Mulch Temporary Diversion Berm or Ditch 16 Temporary Mulch 30 Temporary Slope Drain

Rock Check Dams 18 Brush Barrier 19 6 Sediment Removal

Straw Bale Check 21 Riprap Energy / Velocity Dissipater Sand Bags

26

27

28

9 Sediment Trap / Basin 10 Temp Sediment Filter Bag / Dewatering 24

11 Polyethylene Sheeting

Machined Rip Rap 12 Geotextile

13 14 Permanent Seeding with Mulch or Sod 17 **Erosion Control Blanket** Flexible Channel Liner Catch Basin / Storm Inlet Protection 20 Riprap Outlet Structure 22 Curb, Gutter, or Storm Sewer Protection 23 Temporary at Construction Exit / Entrance Temporary Stream Crossing 25 Turbidity Barrier / Silt Boom

Temporary Stream Diversion Preserve Natural Resource / Buffer Zone Mineral Aggregate Base on Subgrade

Excess Dirt Removed from Rdwy. Daily Haul Roads Dampened for Dust Control 31 Ditch Liner 32 Rock Silt Screen

Temporary Silt Fence with Backing 33 34 **Enhanced Silt Fence** 35 Sediment Tube

36 Sediment Dam 37 Concrete Washout, other pollution Issues 38

Berm (soil, riprap, rock) 39 Gabion

40 Sheet Pilling 41 Haul Road 42 **Bridge Construction**

CONDITION CODES M Maintenance

Replacement Needed

Upgrade Needed (Failure Noted)

FM Future Maintenance Cleaning Needed Increase Measures Too Wet to Work Conditions

RO Repeat Occurrence SR Sediment Release

FS Final Stabilized s Stable (No Action Needed) CM Corrections currently being made

Other (O31)	
Other (O#2)	:
Other (0#3)	•

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State/US R	oute or	Roa

State/US Route or Road Name:	Wolf River Blvd.	TDOT Construction No.:	79954-3537-54	TDOT Contract No.:	

Date	3/5/2012

					Date of	Existing		
Outfall Name	Rain	Approx.	LT, RT or	Date Last	Stabilization	EPSC	Current	
or Station No.	Gage	Station No.	Centerline	Disturbed	and Code	Control	Condition	Corrective Action(s) or Comments
(Existing	No.	From / To			T = Temp.	Measure	Codes	
Structure)					P = Perm.	Codes*		
								Daily cleaning will be required, until further
* 109+51	2	East side of WRB	RT	3/5/2012		19,22	FM	notice.
		South side of	3, 44, 44, 44, 44, 44, 44, 44, 44, 44, 4					Daily cleaning will be required, until further
* 109+11	2	Farmington	RT	3/5/2012		19,22	FM	notice.
		North side of						Daily cleaning will be required, until further
* 12+80	11	WRB	LT	3/5/2012		19,22	FM	notice.
		Walking Trail	300000					
	1	36+00	LT	7/20/2011	T = 7-20-11	5,35	S	Temp. stable.
		Sta. 29+50				9900-1000,000	500,07	
	1	Slope	LT	7/20/2011	T= 9-01-11	16	S	Temp. stable.
		Sta. 13+40 -						Haul roads dampened frequently for dust
	1&2	Sta. 107+75	LT, RT or CL	3/5/2012		3,30,38	FM	control, until further notice.
			,			,,		
	2	76+50 - 103+46	RT	9/29/2011	T = 10-03-11	3,15,16,35,38	S	Temp. stable.
	2	92+50 - 107+00		0/20/2011	T = 10 02 11	2 45 40 25 20	6	Taman atable
		92+30 - 107+00	LT	9/29/2011	T = 10-03-11	3,15,16,35,38	S	Temp. stable.
		0.75		0/5/0040		40.00		Daily cleaning will be required, until further
	1	6+75	LT	3/5/2012		19,22	FM	notice.
	1	27+00	RT	10/3/2011	T= 10-03-11	15,16	S	Temp. stable.
2000 000 000 000 000 000 000 000 000 00	1	34+00	RT	8/25/2011	T= 8-25-11	16	S	Temp. stable.
		EDOCI	ON AND SEDIMEN	T CONTROL ME	ACURE COREC			CONDITION CODES

EROSION AND SEDIMENT CONTROL MEASURE CODES

CONDITION CODES Temporary Silt Fence / Filter Barrier Temporary Seeding with Mulch Excess Dirt Removed from Rdwy. Daily M Maintenance 2 Temporary Diversion Berm or Ditch 16 Temporary Mulch 30 Haul Roads Dampened for Dust Control U Upgrade Needed (Failure Noted) Temporary Slope Drain 17 31 **Erosion Control Blanket** Ditch Liner R Replacement Needed Rock Check Dams 18 Flexible Channel Liner 32 Rock Silt Screen FM Future Maintenance 5 **Brush Barrier** 19 Catch Basin / Storm Inlet Protection Temporary Silt Fence with Backing C Cleaning Needed Sediment Removal 20 Riprap Outlet Structure Enhanced Silt Fence 1 Increase Measures Straw Bale Check Riprap Energy / Velocity Dissipater 35 Sediment Tube 21 W Too Wet to Work Conditions 8 Sand Bags 22 Curb, Gutter, or Storm Sewer Protection 36 Sediment Dam RO Repeat Occurrence Sediment Trap / Basin 23 Sediment Release Temporary at Construction Exit / Entrance 37 Concrete Washout, other pollution Issues SR Temp Sediment Filter Bag / Dewatering 10 24 **Temporary Stream Crossing** 38 Berm (soil, riprap, rock) FS Final Stabilized 39 Polyethylene Sheeting 25 Turbidity Barrier / Silt Boom Gabion S 11 Stable (No Action Needed) 12 Machined Rip Rap 26 **Temporary Stream Diversion** 40 Sheet Pilling CM Corrections currently being made 13 27 Preserve Natural Resource / Buffer Zone 41 Haul Road Other (O31): Permanent Seeding with Mulch or Sod 28 Mineral Aggregate Base on Subgrade **Bridge Construction** Other (O#2): 14 Other (O#3):

State/US Route	or Ro

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tate/US Route or Road Name:	vvoit River Bive

TDOT Construction No.:

79954-3537-54

TDOT Contract No.:

Date	3/5/2012

Outfall Name or Station No.	Rain Gage No.	Approx. Station No. From / To	LT, RT or Centerline	Date Last Disturbed	Date of Stabilization and Code T = Temp. P = Perm.	Existing EPSC Control Measure Codes*	Current Condition Codes*	Corrective Action(s) or Comments
	1	21+33 - 26+00	LT	2/2/2011	T = 10-6-11	3,15,16,33,35, 38,41	S	Temp. stable.
	1	21+33 - 26+00	RT	10/10/2011	T = 10-6-11	3,15,16,33,35, 38,41	S	Temp. stable.
	11	25+00	LT	12/14/2011	T = 10-6-11	15,16,33,35,41	S	Temp. stable.
	1	25+00	RT	9/29/2011	T = 10-6-11	15,16,33,35,41	S	Temp. stable.
	1	27+50	RT	10/6/2011	T = 10-6-11	15,16,33,35,41	S	Temp. stable.
	1	31+90	RT	9/29/2011	T = 10-6-11	15,16,35	S	Temp. stable.
	1	15+60	LT & RT	3/5/2012		15,16,33,35	СМ	Headwalls are in place. Clean up complete currently stabilizing disturbed areas.
* 108+37	2	North side of WRB	LT	3/5/2012		19,22	FM	Daily cleaning will be required, until further notice.
	1	23+00 - 26+00	RT	9/29/2011	T = 10-6-11	33,41	S	Temp. stable.
	1	25+00	RT	2/27/2012		15,33,35	S	Temp. stable.
	1	44+00	LT,CL,RT	3/1/2012		33	S	Temp. stable
		EROSIO	N AND SEDIME	NT CONTROL N	MEASURE CODES		·	CONDITION CODES

EROSION AND SEDIMENT CONTROL MEASURE CODES

Temporary Silt Fence / Filter Barrier 2 Temporary Diversion Berm or Ditch Temporary Slope Drain 3 Rock Check Dams Brush Barrier 6 Sediment Removal Straw Bale Check Sand Bags 9 Sediment Trap / Basin Temp Sediment Filter Bag / Dewatering 10 Polyethylene Sheeting 11 Machined Rip Rap 12 13 Geotextile Permanent Seeding with Mulch or Sod 14

15	Temporary Seeding with Mulch
16	Temporary Mulch
17	Erosion Control Blanket

- 18 Flexible Channel Liner 19 Catch Basin / Storm Inlet Protection
- 20 Riprap Outlet Structure
- 21 Riprap Energy / Velocity Dissipater 22
- Curb, Gutter, or Storm Sewer Protection
- 23 Temporary at Construction Exit / Entrance
- 24 Temporary Stream Crossing 25 Turbidity Barrier / Silt Boom
- 26 Temporary Stream Diversion
- 27 Preserve Natural Resource / Buffer Zone Mineral Aggregate Base on Sub grade 28

- 29 Excess Dirt Removed from Rdwy. Daily
- 30 Haul Roads Dampened for Dust Control 31 Ditch Liner
- Rock Silt Screen 32
- 33 Temporary Silt Fence with Backing
- 34 Enhanced Silt Fence
- 35 Sediment Tube 36 Sediment Dam
- 37 Concrete Washout, other pollution Issues
- 38 Berm (soil, riprap, rock)
- 39 Gabion
- 40 Sheet Pilling 41 Haul Road
- Bridge Construction

U	Upgrade Needed (Failure Noted)
R	Replacement Needed
FM	Future Maintenance
C	Cleaning Needed
1	Increase Measures
W	Too Wet to Work Conditions
RO	Repeat Occurrence
SR	Sediment Release
FS	Final Stabilized
S	Stable (No Action Needed)
CM	Corrections currently being made

Other (O31):

Other (O#3):

Other (O#2):

Maintenance

EPSC Inspection



